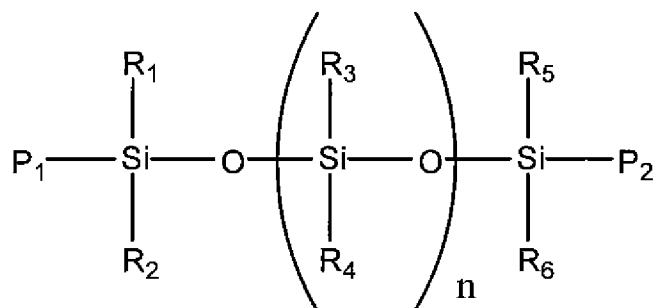


AMENDMENTS TO THE CLAIMS:

Kindly replace the previous claim set with the claim set which appears below:

1. (Currently Amended) A mold release composition having a pH of 7 to 11 comprising a functional siloxane, having the following structure:



where R₁, R₂, R₃, R₄, R₅ and R₆ individually can be the same or different, each being selected from the group consisting of C₁₋₃ alkyl, vinyl, hydride, and alkoxy groups, where n is about 0 to about 100,000, and where P₁ and P₂ can be the same or different, each being selected from the group consisting of silanol, hydride, hydroxyl, alkyl, vinyl, carbinol and carboxy groups;

a crosslinker, a thickening agent, an aliphatic ethanolamine base additional to the functional siloxane, the crosslinker and the thickening agent, a base, and water.

Claims 2-5. (Cancelled)

6. (Previously Presented) A mold release composition according to claim 1, wherein the crosslinker has the general formula X-SiABC where X is selected from the group consisting of methyl, vinyl, alkoxy, acetoxy, hydride and ethyl groups, and A, B and C are each individually an alkoxy group.

Claims 7-8. (Cancelled)

9. (Previously Presented) A mold release composition according to claim 1, having less than 5 grams VOCs per liter of said mold release composition.

Claims 10-11. (Cancelled)

12. (Previously Presented) A mold release composition according to claim 1, further comprising at least one component selected from the group consisting of a wetting agent, a surfactant, a catalyst, a slip agent, a dye and a transfer control agent.

Claims 13-20. (Cancelled)

21. (Previously Presented) A mold release composition according to claim 1, having a viscosity of 10-10,000 cP at 25°C.

Claim 22. (Cancelled)

23. (Previously Presented) A mold release composition according to claim 1, said functional siloxane having the following structure: $\text{HO}(\text{CH}_3)_2\text{-Si-(O-Si(CH}_3)_2\text{-O-Si(CH}_3)_2)_x\text{-O-Si(CH}_3)_2\text{OH}$, where x is selected such that said functional siloxane has a molecular weight in the range of 4,000 - 100,000.

Claims 24-37. (Cancelled)

38. (Previously Presented) A mold release composition according to claim 1, said mold release composition being curable at room-temperature.

39. (Previously Presented) A mold release composition according to claim 1, comprising the following composition:

- 0.04-2.99 weight percent silanol-functional siloxane;
- 0.018-4.98 weight percent alkoxy-functional crosslinker;

0.009-2 weight percent catalyst;
0.04-4.8 weight percent thickening agent activatable at a pH of 7 to 11;
and
0.1-2 weight percent base.

40. (Previously Presented) A mold release composition according to claim 1, wherein at least one of P₁ and P₂ is hydroxyl.

41. (Previously Presented) A mold release composition according to claim 1 wherein the crosslinker is selected from a tri-alkoxy functional silane and a tetra-alkoxy functional silane.

42. (Previously Presented) A mold release composition according to claim 1, having a shelf life of greater than five months at about 25°C.

43. (Previously Presented) A mold release composition according to claim 1, wherein the thickening agent is activatable at a pH of 7 to 11, the activated thickening agent providing the mold release composition with a viscosity of 10-10,000 cP at 25°C.

Claims 44 - 51. (Cancelled)

52. (Previously Presented) The mold release composition according to claim 1 wherein the base is a separate component from the functional siloxane, the crosslinker and the thickening agent.

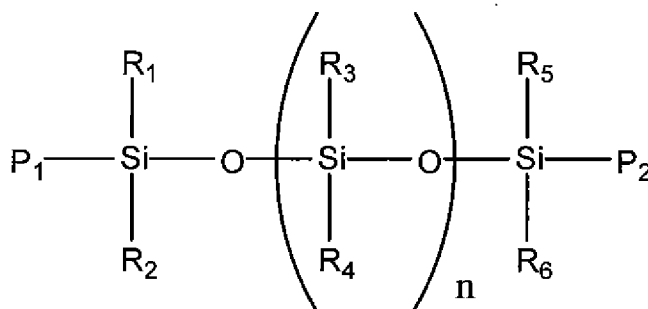
Claim 53. (Cancelled)

54. (Currently Amended) The mold release composition according to claim 1 wherein the mold release composition has 0 to no more than 1 percent by weight of composition of non-functional siloxane.

55. (Previously Presented) The mold release composition according to claim 1 wherein cured products of the mold release composition have substantially no detrimental transfer to the surface of a composite molded part.

56. (Currently Amended) A mold release composition prepared from a mixture comprising:

0.04 to 3 percent by weight of mixture of a functional siloxane, having the following structure,



where R_1 , R_2 , R_3 , R_4 , R_5 and R_6 individually can be the same or different, each being selected from the group consisting of C_{1-3} alkyl, vinyl, hydride, and alkoxy groups, where n is about 0 to about 100,000, and where P_1 and P_2 can be the same or different, each being selected from the group consisting of silanol, hydride, hydroxyl, alkyl, vinyl, carbinol and carboxy groups;

0.18 to 5 percent by weight of mixture of a functional crosslinker having the formula X-SiABC where X is selected from the group consisting of methyl, vinyl, alkoxy, acetoxyl, hydride and ethyl groups, and A , B and C are each individually an alkoxy group;

0.04 to 5 percent by weight of mixture of a thickening agent activatable at a pH of 7 to 11, the activated thickening agent providing the mold release composition with a viscosity of 10-10,000 cP at 25°C;

0.1 to 2 percent by weight of mixture of an ethanolamine base additional to the functional siloxane, the crosslinker and the thickening agent;

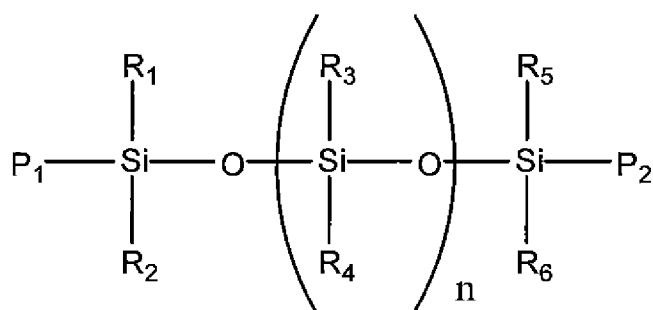
optionally, 0.05 to 38 percent by weight of mixture of at least one component selected from the group consisting of ~~catalyst~~, wetting agent, surfactant, slip agent, dye and transfer control agent; and

water;

wherein the mold release composition has 0 to no more than 1 percent by weight of mixture of non-functional siloxanes, a pH of 7 to 11 and a shelf life of greater than five months at about 25°C.

57. (Currently Amended) A mold release composition prepared from a mixture consisting essentially of:

a functional siloxane, having the following structure,



where R₁, R₂, R₃, R₄, R₅ and R₆ individually can be the same or different, each being selected from the group consisting of C₁₋₃ alkyl, vinyl, hydride, and alkoxy groups, where n is about 0 to about 100,000, and where P₁ and P₂ can be the same or different, each being selected from the group consisting of silanol, hydride, hydroxyl, alkyl, vinyl, carbinol and carboxy groups;

a functional crosslinker having the formula X-SiABC where X is selected from the group consisting of methyl, vinyl, alkoxy, acetoxy, hydride and ethyl groups, and A, B and C are each individually an alkoxy group;

a thickening agent activatable at a pH of 7 to 11, the activated thickening agent providing the mold release composition with a viscosity of 10-10,000 cP at 25°C;

an ethanolamine base additional to the functional siloxane, the crosslinker and the thickening agent;

water; catalyst and

optionally at least one component selected from the group consisting of ~~catalyst~~, wetting agent, surfactant, slip agent, dye and transfer control agent;

wherein the mold release composition has 0 to no more than 1 percent by weight of mixture of non-functional siloxanes, a pH of 7 to 11 and a shelf life of greater than five months at about 25°C.

58. (Previously Presented) A mold release composition according to claim 57, wherein the mixture is:

0.04-2.99 weight percent functional siloxane;

0.018-4.98 weight percent functional crosslinker;

0.009-2 weight percent catalyst;

0.04-4.8 weight percent thickening agent;

0.1-2 weight percent base;

optionally 0.04-36.4 weight percent of the at least one component; and
water.

59. (Currently Amended) A mold release composition according to claim 57, wherein the mixture consists of the functional siloxane; the functional crosslinker; the catalyst; the thickening agent; the base; the water and optionally the at least one component.